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## CVM eNews - September 2018

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Susanne K. Whitaker ▾



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## September 2018



### Message from the Dean

The semester is in full swing, including designs to renovate approximately 15,000 square feet of level 1 Schurman Hall. This renovation will include new state-of-the-art research/service laboratories, offices and support spaces for the Department of Population Medicine and Clinical Pathology.

The project will also include a new 800-square-foot multi-purpose room to support wellness and fitness at the college. Design considerations for this room include an area to support small group exercise, yoga, boot camp, Zumba, dance and other college

We have already enjoyed many opportunities to build community and engage with each other both socially and on topics important to the college.

At the beginning of this month, we came together for our fall celebration. Thank you to the Planning Committee as well as the Staff Council for their hard work in putting this event together. I was glad to see so many people gathered to celebrate the new academic year and I hope all were able to reconnect with colleagues and make new friends.

Two important events are on the horizon. We're holding our first Town Hall Meeting of the academic year on Monday, September 24 from 12-1 p.m. in Lecture Hall 4. We will focus on wellness and sustainability, two important initiatives from the college's Strategic Plan, with a panel discussion composed of students, staff and faculty.

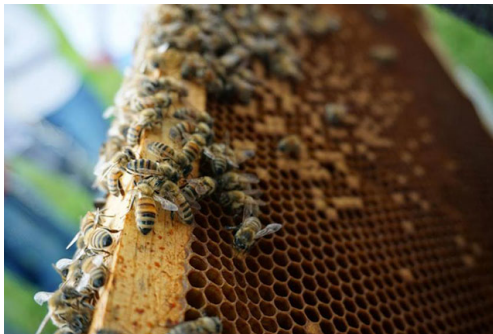
The second is the latest installment of our diversity and inclusion dialogue series: Many Voices, One College. Dr. Avery August, vice provost for academic affairs and professor of immunology, will be in S2-223 on Thursday, September 27 from 12-1 p.m. to share his life story with us.

I look forward to seeing the community attend and participate in these events, which allow us to continue growing as a college.

Warm regards,

*Lorin Warnick, D.V.M., Ph.D. '94*  
*Austin O. Hooey Dean of Veterinary Medicine*

## Latest News



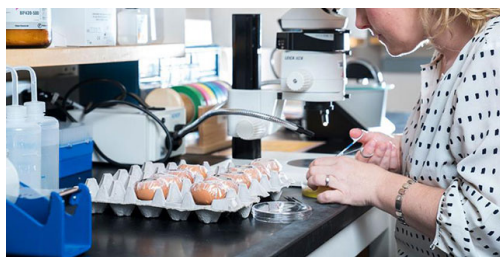
[\*\*New course trains veterinary students to protect pollinators\*\*](#)



[\*\*Device to corral viable sperm may speed IVF process\*\*](#)

[\*\*CVM researchers uncover hidden player in gut growth\*\*](#)

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## September's Trivia Question

Look out for the answer to this trivia question in October's eNews!

The Baker Institute for Animal Health was founded in 1950. What was its original name?

**The Veterinary Virus Research Institute**

**Select**

**The Jacob Schurman Center for Animal Research**

**Select**

**Companion Animal Diseases Institute**

**Select**

August's trivia question: The first D.V.M. degree in the United States was awarded to a Cornellian in 1872. Who earned it?

Answer: Daniel Salmon, best-known for identifying the infectious pathogen Salmonella and pioneering the fight against contagious diseases. The CVM Alumni Association established the Daniel Elmer Salmon Award for Distinguished Service in his honor in 1986. [This year's winner is N. Bruce Haynes, D.V.M. '52.](#)

## Community Notes

Mark your calendars for our first **Town Hall Meeting** of the academic year: Monday, September 24, 12-1 p.m. in Lecture Hall 4.



[Fall celebration draws festive crowd](#)

**Pedal for Pets:** On Saturday, October 20, SCAVMA is hosting a day of biking to support the Patient Assistance Fund. You can join the bikers on their ride, sponsor a rider, donate a prize or help sponsor the event. [Learn more at their Facebook event page.](#)

Thank you to everyone who volunteered and attended this year's **Great New York State Fair**. [Check out the Dairy Center of Excellence Instagram feed for highlights from the fair and other activities.](#)

The [Fall 2018 New York State Veterinary Conference](#) is in just two weeks! We'll be hosting professionals from across the country and hope to see you there.

[Hellos, goodbyes and HR update](#)

## CVM in the News



### [Chronic wasting disease's effects are far-reaching](#)

Krysten Schuler discusses how infectious agents of chronic wasting disease can



### [Naming of Hong Kong's first veterinary college](#)

Dean Warnick visits Hong Kong to celebrate the naming of CityU's veterinary



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## Have Ideas to Share?

Let us know what you want to see in the Community Notes portion of eNews. Contribute events and articles which might be of interest to your colleagues and the CVM community at large.

Send in your submission by 10/12/18 to [cornellvet@cornell.edu](mailto:cornellvet@cornell.edu). Make sure to put eNews in the subject line so that your item can be considered for the next issue.



Cornell University | Cornell University, College of Veterinary Medicine, Ithaca, NY 14853

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## New course trains veterinary students to protect pollinators

🐾 Wednesday, August 22, 2018 - 8:50am



To assess the health of a hive, a bee veterinarian must look at the comb and the brood, and analyze the behavior of both individual and groups of bees. Photo provided.

Veterinarians are trained to handle patients with four legs, two legs and sometimes no legs – but six legs might pose some new challenges.

Nevertheless, new federal regulations require veterinarians around the country to examine and treat honeybee colonies, and training for this new job is needed. That's why Cornell veterinarian [Dr. Robin Radcliffe](#) partnered with Cornell faculty members to offer the first honeybee health course at Cornell for veterinary students.

"The veterinary field has a lot to offer bee colonies and beekeepers," said Radcliffe. "And there is a real need here in New York state as well."

Honeybees are crucial for New York's agricultural economy. Crops such as apples, grapes and strawberries rely completely on pollination – leaving an estimated \$383.5 million per year in the “hands” of the hive. Increasingly, these tiny engines of economic productivity have faced growing threats, ranging from hive management practices to climate change.

New York has only two state bee inspectors, placing the onus on individual beekeepers to monitor and maintain colony health. Veterinarians are also now required to prescribe antibiotic treatments to honeybee colonies due to a 2016 U.S. Food and Drug Administration directive categorizing honeybees as food-producing livestock.

Radcliffe's course takes a more holistic view of the hive. “The goal of our course is to show veterinarians that they should not approach this as just providing a pharmacy for beekeepers,” he said. “Our approach is to emphasize that veterinarians have a lot of skills to offer, and that includes understanding infectious disease, pathology, the parasites and their life cycles, as well as bee anatomy and physiology.” The course will be offered each year to roughly a dozen second-year veterinary students. Ninety students requested to take it this summer.



William Fugina, fourth-year veterinary student and teaching assistant for the course, demonstrates the proper attire and frame holding technique to evaluate the frames of a hive. Photo provided.

Said William Fugina, a fourth-year veterinary student and teaching assistant for the course: “It is a completely novel area of veterinary medicine that is not only unexplored, but also has extremely important agricultural and conservation implications. My passion in wildlife conservation and public health certainly resonates with the veterinary role for the honeybee.”

Radcliffe has always had a keen interest in honeybees. This passion eventually connected him with honeybee expert [Thomas D. Seeley](#), the Horace White Professor of Biology, and other bee researchers across the campus. Radcliffe and Seeley devised a novel method of locating wild honeybee trees in deep forest, a method that they



published in the August issue of [American Bee Journal](#), and which Radcliffe wrote about in the June issue [New York State Conservationist](#).

These collaborations have informed Radcliffe's new course. "The idea that veterinary medicine could be a part of training for bee health is kind of new," said Radcliffe, noting that honeybee health has been a part of veterinary programs in South America but the concept is relatively foreign to North American veterinary medical colleges.

Beyond the fact that bees are invertebrates and possess many different physiological systems compared with vertebrates, honeybee care is "more herd health, and has a lot of parallels to population medicine and public health. Our patient is not the single bee, but the whole colony – biologically the complex communication and cooperation among bees known as the 'superorganism.'"

Radcliffe teaches students what normal "brood" looks like – the eggs and developing pupae – so they will recognize signs of the American foulbrood, a bacteria that will kill larvae and easily spread from hive to hive. Students are also schooled in the honeybee's greatest foe, the varroa mite. These invasive parasites from China arrived in New York in 1995. They feed off adult bees and their brood, causing the entire colony to weaken and, if left untreated, collapse.

Radcliffe's veterinary students also learn about threats human activity pose to honeybees. The use of harmful insecticides on crops, the rapid shift in food sources due to climate change, and dwindling habitat due to land development add more pressure on honeybees and other pollinators. Today, 75 to 80 percent of all domestic honeybee colonies are transported to California to pollinate almond groves, threatening bees' normal functioning and stressing whole colonies.

"There are many stressors that affect honeybees today. It's a really complex mix of problems," Radcliffe says. Thanks to his new course, Cornell veterinarians will soon be helping to solve them.



A group of veterinary students learn what a healthy hive looks like as Cornell Dyce Laboratory Master Beekeeper Scott McArt demonstrates the proper technique of conducting a health exam on a hive. Photo provided.

By Lauren Cahoon Roberts



*This story also appeared in the Cornell Chronicle.*

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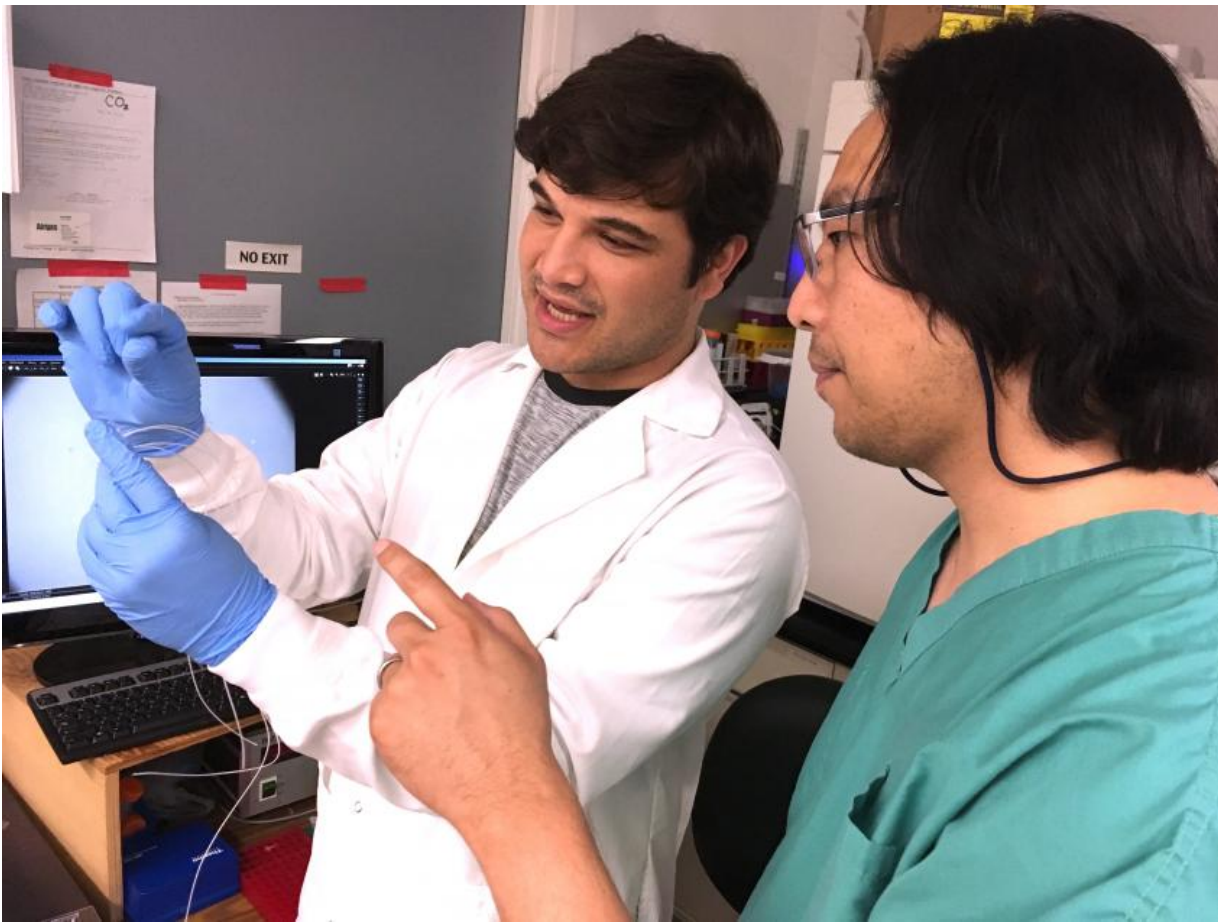
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## Device to corral viable sperm may speed IVF process

🐾 Monday, September 10, 2018 - 11:03am

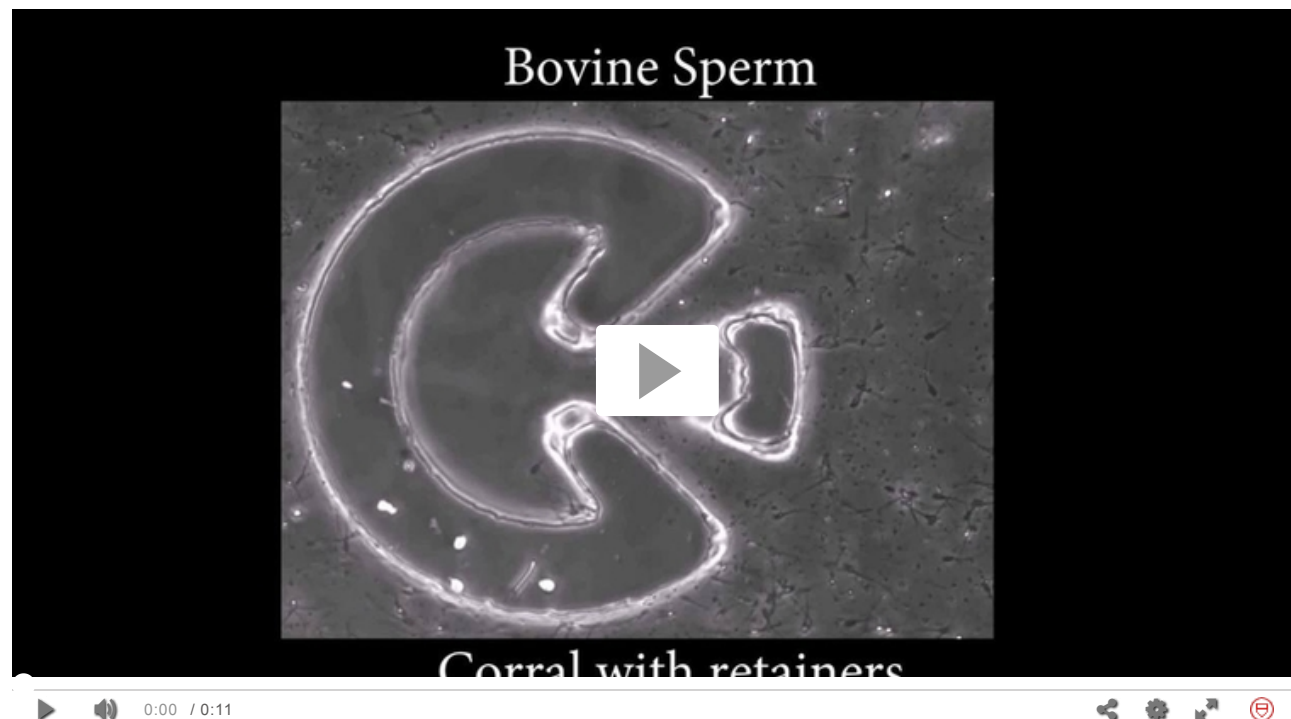


Meisam Zaferani (left), a doctoral student in the Abbaspourrad lab, and assistant professor Soon Hon Cheong, Ph.D. '12. Photo provided.

For couples hoping for a baby via in vitro fertilization, chances have improved. A process that once took hours now takes minutes: Cornell scientists have created a microfluidic device that quickly corrals strong and speedy sperm viable for fertilization.

Conventional methods to separate vigorous, motile sperm is tedious and may take up to several hours to perform. “Trying to find the highly motile sperm has been difficult to do, but this improves the chances of insemination,” said chemist Alireza Abbaspourrad, Cornell’s Yongkeun Joh Assistant Professor of Food Chemistry and Ingredient Technology.

Taking advantage of sperm's ability to go against the flow – a process called rheotaxis – Abbaspourrad, Soon Hon Cheong, Ph.D. '12, assistant professor at Cornell's College of Veterinary Medicine, and Meisam Zaferani, a doctoral student in the field of chemistry, have devised a microfluidic channel through which the sperm swim. They added a microscopic corral – shaped like a “C” – that features a retaining wall that attracts the strongest swimmers.



“The older method is tedious, time-consuming and not efficient. It’s the time that laboratory technicians and physicians expend that makes the process expensive,” said Abbaspourrad. “With this method, it’s five minutes instead of several hours.”

The microfluidic device is simple to use: Rheotaxis is the key. “Here, we took advantage of sperm’s natural tendency to redirect against fluid flow, once the sperm reach a certain velocity,” said Cheong. “Once the sperm detect interference, they can use it to swim upstream. That’s when we can trap them. We could separate the good sperm from the not-so-strong in a reasonably elegant way. We are able to fine-tune our selection process.”

Zaferani said that these findings represent a broad range of applications beyond humans, such as using the device to separate motile bovine sperm for the dairy and beef industries. “The unprecedented efficiency of our device in comparison to previous studies and its benign, passive nature make it favorable for sperm separation,” he said

The study, “[Rheotaxis-Based Separation of Sperm with Progressive Motility Using a Microfluidic Corral System](#),” published in [the Proceedings of the National Academy of Sciences July 30](#). Production of the microfluidic channel was performed at the Cornell NanoScale Science and Technology Facility, which is supported by the National Science Foundation.

By Blaine Friedlander

*This story originally appeared in the Cornell Chronicle.*



## Cornell researchers uncover hidden player in gut growth

🐾 Thursday, August 30, 2018 - 11:38am



Dr. Natasza Kurpios, associate professor in the Department of Molecular Medicine, working in her lab. Photo by the College of Veterinary Medicine.

A previously ignored part of the intestine has turned into the key to its most crucial moment in embryonic development: the rotation that winds the small and large intestine into its familiar twisted form.

Where this rotation is triggered and by what is the subject of new research from Dr. Natasza Kurpios' lab in the College of Veterinary Medicine, which shows that the right side of the intestine's connective tissue triggers the gut's change from a symmetrical tube to coiled spaghetti. This is a major shift in the field, which widely believed the trigger occurred on the left.





The Kurpios lab uses chicken and mice models to study left-right asymmetry in organ development. Photo by the College of Veterinary Medicine.

“On the outside, human bodies appear symmetrical, but on the inside, organs like the heart, liver, lungs and stomach are all asymmetrical,” said Kurpios, associate professor in the Department of Molecular Medicine and senior author on the paper, which [published today in Developmental Cell](#). Asymmetrical organs are found on just one side of the body, or across both left and right but with their components distributed unevenly. The Kurpios lab studies this left-right asymmetry in organ development.

Pinpointing when and how gut rotation begins lends insight into embryonic development and lays the groundwork for clinical therapies. “If we can identify some of the critical pathways that regulate left-right asymmetry in the digestive tract, then we can expand those studies to more complex organs like the heart,” said Aravind Sivakumar, Ph.D. ’17, first author on the paper and former graduate student in the Kurpios lab.

The embryonic intestine itself is comprised of a gut tube and connective tissue. The gut develops into the small and large intestine, and the connective tissue, or dorsal mesentery, not only suspends the gut from the dorsal body wall but also provides all vasculature like arteries and lymphatics to the intestines. Previous research, [some of which was conducted at Cornell](#), demonstrated that it was the mesentery that caused the rotation of the gut and not the other way around. This rotation is predictable in healthy embryos – always counter-clockwise and always in the same pattern.

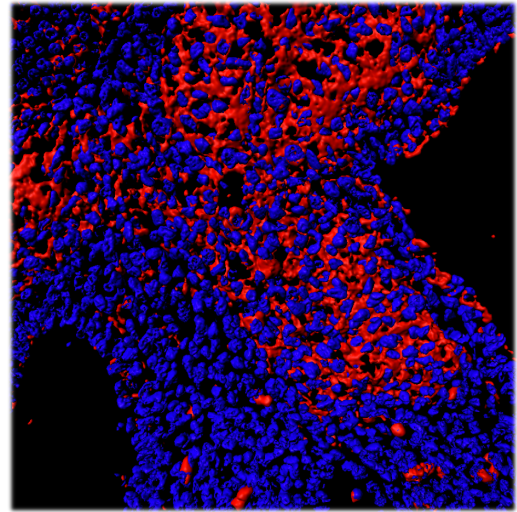


The rotating loops in an embryonic intestine. Photo provided by the Kurpios lab.

“Left-right asymmetries in the intestines are quite concealed in humans because the gastrointestinal tract is huge, but its development is very carefully choreographed,” said Kurpios.

While connected, the left and right sides of the mesentery are discrete. For many years, biologists have focused on the gene *Pitx2* found within the left side, thinking that it was the key to understanding abnormal gut rotation cases, such as congenital birth defects. The potential of *Pitx2* and its assumed role in triggering gut rotation accelerated research into the left side of the mesentery, leaving the right side mostly unexplored.

The Kurpios lab’s new research pinpoints that this trigger not only happens on the right side of the mesentery, but also several developmental stages earlier than noted on the left.



HA (red) present on the right side of the dorsal mesentery. Photo provided by the Kurpios lab.

“We found that it’s the right that expands and collectively swings the gut tube on its side many embryonic stages before we see statistically significant movement on the left,” said Sivakumar.

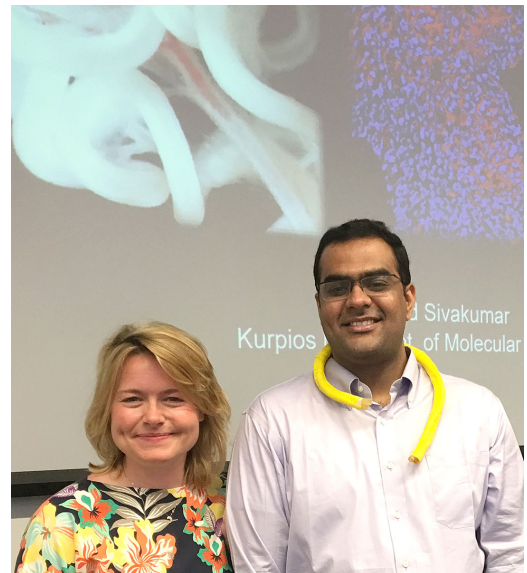
Using chicken and mice models, Sivakumar traced the cause to a surprising source: a simple polysaccharide known as hyaluronan (HA), also widely used in wrinkle cream for its hydrating properties. Upstream from the gut, the enzyme *Tsg6* covalently modifies HA, which spurs the expansion of the right side and thus the rotation.

“The opinion in the field was that the right side is passive, that it was just along for the ride,” said Kurpios. “What Aravind found completely changes the way we view left-right symmetry and puts the right side on the map.”

This work was supported by the March of Dimes; National Institute of Diabetes and Digestive and Kidney Diseases; the National Institute of Environmental Health Sciences; and the National Heart, Lung, and Blood Institute Program of Excellence in Glycosciences. Aparna Mahadevan, Ph.D. ’16, Mark Lauer, Ricky Narvaez, Siddesh Ramesh, Cora Demler, Nathan Souchet, Vincent Hascall, Ron Midura Stavros Garantziotis, David Frank and Koji Kimata also contributed to the study.

By Melanie Greaver Cordova

*This story also appeared in the Cornell Chronicle.*



Drs. Kurpios and Sivakumar. Photo provided by the Kurpios lab.





## Cornell University College of Veterinary Medicine

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### Earnest and hardworking: N. Bruce Haynes, D.V.M. '52, earns posthumous Salmon Award

🐾 Thursday, August 9, 2018 - 9:33am



N. Bruce Haynes, D.V.M. '52, pictured here with Harley and Marley, was a strong ambassador for the College of Veterinary Medicine. Photo provided.

This year's Salmon Award recognizes the distinguished service of N. Bruce Haynes, D.V.M. '52, who passed away on Oct. 7, 2017. Throughout his career, Haynes was a strong ambassador for the college. "He was a role model to students and family alike," says Haynes' daughter Beth Haynes Hadley, "teaching the value of working hard and always doing

your best, no matter the task.” He lived these values during his work with dairy cattle and herd health management throughout his career.

The Alumni Association established the Daniel Elmer Salmon Award for Distinguished Alumni Service in 1986 to honor graduates of the Cornell University College of Veterinary Medicine who have distinguished themselves in service to the profession, their communities or to the college. The award is named in honor of Daniel Elmer Salmon, Cornell's first D.V.M. graduate who made pioneering efforts in controlling contagious animal diseases in the early twentieth century.

## A full career

Haynes served in the Navy and graduated from Baldwin Wallace College with a bachelor's degree. After his graduation from Cornell in 1952, Haynes worked as an associate veterinarian in Augusta, Maine, then returned to New York to open his own practice in Millerton. While his primary focus was on cattle, Haynes treated both large and small animals. He was an early proponent of preventative medicine and herd health.

In 1964, Cornell invited Haynes to become the university's first full-time extension veterinarian. His responsibilities included extension, continuing education and teaching. He also served on the president's committee on the land-grant mission of the university.

Haynes' role as extension veterinarian made him uniquely suited to fulfill the university's land-grant mission to advance the lives and livelihoods of the state's citizens. Haynes acted as Cornell's boots on the ground, assisting residents across the state with their veterinary needs. He was a frequent speaker at livestock owner meetings around the state and co-authored 22 articles on large animal herd health for outlets like the Journal of the American Veterinary Medical Association, Successful Farming Magazine, Hoard's Dairyman and Modern Veterinary Practice. His book Keeping Livestock Healthy, published by Garden Way Publishing in 1978, is still a popular handbook for those seeking better health for their livestock. The book is currently in its fourth edition and has been printed in several languages.

“Dad was a gifted writer,” says Hadley, “and he wanted to see the extension of the profession grow and for people to have access to information more easily.”

In 1967, Cornell appointed Haynes associate professor of veterinary science and director of veterinary extension. The New York State Veterinary Medical Society named Haynes Veterinarian of the Year in 1975, and a year later he earned a \$5,000 grant to develop an auto-tutorial lending library for veterinarians. While at Cornell, he held many positions, including time spent as the director of continuing education, assistant editor of Veterinary News and the business manager of the Cornell Veterinarian, where he also served on the board of directors.

“As extension veterinarian Dr. Haynes was an outstanding, unique ambassador for the college,” says Robert Kahrs, D.V.M. '54, Ph.D. '54, M.S. '63. “He traveled the state giving speeches to veterinarians and livestock, pet, poultry and bird owners. Without appearing as a fundraiser he inspired donations and political support for the college.”



Dr. Haynes was an early proponent of preventative medicine and herd health. Photo provided.



Haynes served on and led multiple committees at Cornell, where colleagues could rely on his expertise, insights and practical know-how into the field.

“He effectively addressed all expectations with knowledge, skill, experience and wisdom,” says Kahrs.

## Expansive interests

Haynes was also a skilled carpenter and woodworker; not only did he build countless items of furniture for his family, but he also built the veterinary clinic and home in Millerton, and two camps in Maine as well.

“He built the clinic and the house,” says Hadley, who recalls the hand-operated centrifuge in the clinic. “It used to be my job to crank it.” she says. “Veterinary medicine has come a long way since then!”

In addition to the many ways Haynes served the college during his tenure, he also served on committees and panels for the profession at large, such as the National Mastitis Council and with the U.S. Animal Health Association, and he acted as president of the American Association of Veterinary Nutritionists and director of the American Association of Extension Veterinarians. While practicing in Millerton, Haynes served in the volunteer fire department, was a village trustee, and a member of its board of education.

“In Ithaca,” says Kahrs, “he was a member of the Official Board of St. Paul’s Methodist Church and was very active in the Rotary International, involving the Student Exchange and Rural-Urban Relations Committee. He also served on the SUNY Continuing Education Sub-Committee of the Health Sciences Advisory Council.”

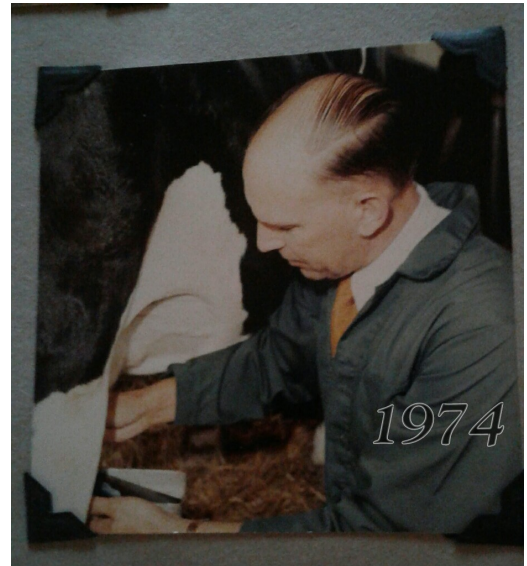
He was a life member of the U.S. Animal Health Association, an honor roll member of the American Veterinary Medical Association, a life member of the American Association of Bovine Practitioners and an honorary member of the Maine Veterinary Medical Association.

In July 1979 Haynes resigned his position at Cornell and relocated to East Monmouth, Maine, where he turned his talents to restoring an old New England farmhouse and barn and was successful in the endeavor to raise bedding plants and vegetables on the 35-acre farm they named Folly Farm. Hadley adds, “They named it Folly Farm because he said all his colleagues thought his choice was a little crazy.”

He remained active in Rotary International serving as President. A later move to Skowhegan, Maine and a more traditional retirement enabled him to complete the last revision of his book. He greatly enjoyed more frequent fishing trips on Moosehead Lake.

Haynes remained active in his interest in the college throughout his retirement. He provided financial support and mentored many young students as they cycled through the D.V.M. program. Even in retirement, Haynes’ dedication to the college and the field of veterinary medicine at large stood out. His work ethic and can-do attitude reached beyond the lives he touched while at Cornell.

“That was his motto,” says Hadley, “always do your best, no matter what you’re doing, no matter what you’re making. Do your absolute best. Don’t settle for anything less.”



Dr. Haynes in 1974 at Cornell. Photo provided.

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## Events

Events

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Cornell University College of Veterinary Medicine Presents:



### Saturday, October 20, 2018

Registration: 8 AM (Lot B) • Ride Starts: 9 AM (Lot B)  
College of Veterinary Medicine, Cornell University

OCT  
20

#### Pedal for Pets 2018

Public · Hosted by [Pedal for Pets](#)

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Saturday, October 20, 2018 at 8:00 AM – 11:00 AM EDT

Cornell University College of Veterinary Medicine  
930 Campus Rd, Ithaca, New York 14853

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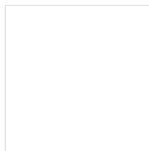
#### Details

We invite you to join us for a day of fun, fitness, and friends in order to support a great cause! You can join our bikers on a 11-, 30- or 50-mile bike ride throughout Ithaca and the neighboring communities, sponsor a rider, donate a prize at the finish line for our riders, or help us to sponsor the event. All proceeds will benefit the Patient Assistance Fund. Please help us to make the veterinary care at CUHA more accessible to all.

To Register for our 2018 Ride:  
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[Fitness](#) [Kid Friendly](#)

#### About Pedal for Pets



##### Pedal for Pets

Nonprofit Organization · Ithaca, New York

Come support the 9th Vet School Bike-a-thon. Ride, volunteer, or cheer on our cyclists! Saturday, October 20th, 2018!

#### About the Venue

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## Cornell University College of Veterinary ...

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### More Events at Cornell University College of Veterinary Medicine

**OCT**  
**5** 2018 NYS Veterinary Conference  
Fri 4 AM · 227 people are going or interested

**NOV**  
**10** Cornell Farrier Conference  
Sat 4:30 AM · 41 people are going or interested

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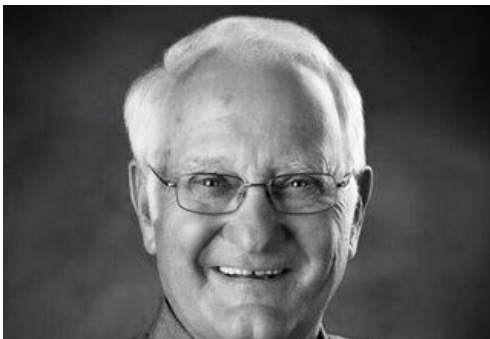
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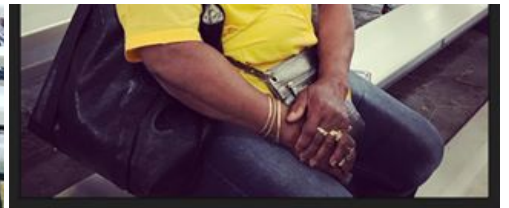
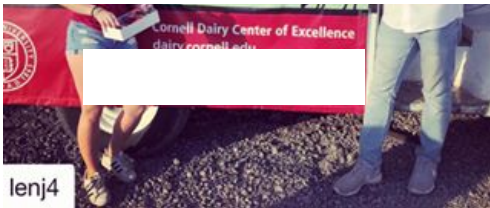
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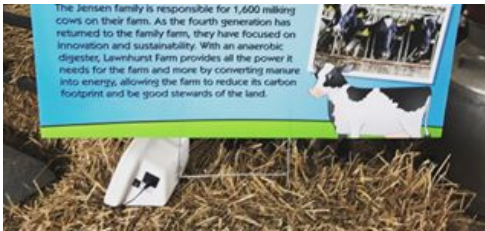
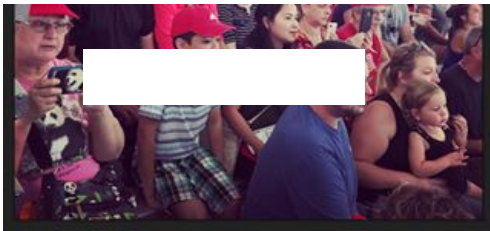
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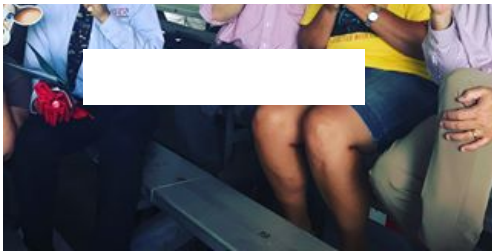


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## SUMMARY

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### ENGAGE • APPLY • EXCEL

The 2018 New York State Fall Veterinary Conference is a three-day continuing education opportunity that provides attendees with high-impact professional development, offering up to 22 RACE CE credits per person. This year's conference includes new interactive case studies and more hands-on labs to help attendees practice applying what they have learned.

Co-sponsored by the Cornell University College of Veterinary Medicine and the New York State Veterinary Medical Society, the conference features a diversity of species tracks, with something for everyone – from early career veterinarians to seasoned practitioners and licensed veterinary technicians.

Join us for networking events to meet current students and colleagues from every background and at every stage in their career. Located in the heart of the Finger Lakes, the conference combines the professional rigor of Ivy League continuing education with the world-class natural beauty and culture of Ithaca, NY.

## DETAILS

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Learn more about:

[FEES](#) - [PROGRAM](#)

### WHEN

Friday, October 5, 2018 - Sunday, October 7, 2018

7:00 AM - 6:00 PM

Eastern Time

### WHERE

Cornell University College of Veterinary Medicine

930 Campus Road

Ithaca, New York 14853

USA

(607) 253-3200

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# Cornell University

## College of Veterinary Medicine

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## September 2018: Hellos, goodbyes and HR update

Help us welcome new employees who joined the CVM community in August and bid a fond farewell to those who have retired.

### New Hires

- **Patrick Crane**, Technician III, Department of Clinical Sciences
- **Cassandra Fay**, Licensed Veterinary Technician - Anesthesia, CUHA
- **Jessey Jones**, Licensed Veterinary Technician - Oncology, CUHA
- **Elena Kamynina**, Research Associate, Baker Institute for Animal Health
- **Ryan Keilman**, Applications Programmer II, RMSS-IT
- **Joanne Kenyon**, Data Reporting Coordinator/Business Systems Analyst, AHDC
- **Elizabeth Aguilera Nunez**, Technician II, Department of Population Medicine and Diagnostic Sciences
- **Makenzie Peterson**, CVM Wellness Program Director, CVM-LEARN
- **Michelle Porter**, Lecturer - Community Practice Service, Department of Clinical Sciences
- **Cindy Whittaker**, Administrative Assistant IV, Department of Microbiology and Immunology
- **Ian Winick**, AHDC Diagnostic Assistant - Clinical Pathology, AHDC

### Retirements

- **Richard Hackett**, Professor, Department of Clinical Sciences
- **Laura Mathews**, Assistant to Associate Dean, ADMIN-RGE

### Human Resources Update

#### Child Care Grant – DEADLINE September 30, 2018

Applications for Cornell's 2017 Child Care Grant will be accepted beginning September 5. Grants of up to \$5,000 per year are awarded, tax free, to eligible faculty and staff for childcare expenses. This covers infant and toddler care, preschool programs, school-age summer day camps and before/after school care for dependent children. For additional information, [please visit their website](#) or contact them at (607) 255-3936, [benefits@cornell.edu](mailto:benefits@cornell.edu).

#### What is the Inclusive Excellence Academy?

Cornell University's Inclusive Excellence Academy (IEA) offers programs designed to advance an inclusive educational environment and workplace. The IEA features customized seminars designed for participants at all stages of their understanding of diversity, inclusion and belonging. Specific seminars, prioritized based on the university's needs, are offered each semester. Our programs incorporate personal narratives from experienced speakers that encourages participants to engage in dialogue, self-reflection and the development of action oriented skills that foster a culture of belonging.

#### Generational Diversity in the Workplace

Category: Understanding Difference

September 24, 9-10: 30 a.m.

700 Clark Hall

[RSVP Here](#)

## **This is Me, but How Did I Get Here: Social Identity 101**

Category: Self Awareness

September 25, 2:30-4 p.m.

700 Clark Hall

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## **Removing Exclusive Language from Job Descriptions**

Category: Transformative Action

TBD

## **See Something, Do Something: Responding to Unfair Treatment**

Category: Transformative Action

October 23, 9-10:30 a.m.

G10 Biotech

[RSVP Here](#)

## **The Experience of Veterans in the Workplace**

Category: Understanding Difference

November 7, 9-11 a.m.

King-Shaw Hall 423

## **Responding to Unfair Treatment: A Case Study Approach**

Category: Transformative Action

December 4, 9-10:30 a.m.

G10 Biotech

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## **Care@Work**

Finding the right kind of care for your family, pets and your home can be challenging. Cornell now provides free unlimited Care.com membership to help you locate and arrange care - see eligibility and details below.

### **About CARE.COM**

After creating an account, you can search Care.com or post a position for a variety of caregiving jobs such as:

- Babysitters and nannies
- Pet sitters and dog walkers
- Elder and adult care assistants
- House sitters and cleaners
- Tutors

Care.com is home to over 11 million caregiver profiles and offers customer reviews, scheduling tools and add-on features such as payroll management and background checks. Use the app or the mobile-friendly website to simplify your Care.com experience.

## **Current Nonacademic Open Positions**

The list below is dynamic and updated regularly. For additional information, please visit the [Cornell Careers Page](#).

- Client Service Representative - Cornell Ruffian Equine Specialists - Located in Long Island
- Administrative and Program Coordinator
- Diagnostic Technologist I - Virology
- Research Support Specialist II - Soloway Lab
- Veterinary Patient Care Administrator

## Academic Open Positions

For a listing of open academic positions, please visit: <https://apps.hr.cornell.edu/recruiting/facultycareer.cfm>.

Should you have any questions related to the topics above, please contact the CVM HR office (607-253-4111 or [tdp38@cornell.edu](mailto:tdp38@cornell.edu)).

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## Chronic wasting disease's effects are far reaching

By BRETT FRENCH Billings Gazette Sep 4, 2018



Chronic wasting disease infection in cervids like whitetail deer, mule deer, elk and moose has the potential to have catastrophic effects on them in the United States.

Brett French / Billings Gazette

Deer and deer hunters often move across state borders.

A mule deer doe captured and fitted with a GPS collar in Wyoming was tracked traveling 250 miles into Idaho and back. Minnesota, Wisconsin and Wyoming car license plates are regularly seen on vehicles parked at Montana trailheads and walk-in hunting areas during the deer and elk season.



Such mobility helps explain why chronic wasting disease has been found in deer in 23 states and two Canadian provinces. In the worst-infected areas of Wisconsin, CWD has been detected in 30 to 50 percent of the tested adult buck whitetail deer. In one year the prevalence of CWD in whitetail deer in Michigan climbed from nine animals to 61, and the disease had jumped to counties miles away from where it was initially found.

These details were just part of the information conveyed during a meeting of wildlife agency, hunting industry and conservation organization officials in Bozeman last week, hosted by the Theodore Roosevelt Conservation Partnership. Together, the groups are trying to educate the public while highlighting the need for investment in scientific research to better understand the disease.

“Our industry honestly believes that CWD is the single largest threat to deer and deer hunting,” said Chris Dolnack, chief marketing officer for the National Shooting Sports Foundation.

## Hunter hauling

While captive deer breeding facilities in the Midwest, southern and eastern states have been pointed to as transferring CWD from state to state as captive deer are sold and shipped for breeding, wildlife officials note that hunters are just as likely to be responsible.

“We have a lot of people moving deer at 55 to 60 mph down the highway,” said Krysten Schuler, a wildlife disease ecologist at the Animal Health Diagnostic Center at New York’s Cornell University.

The deer Schuler referred to are ones in the back of a successful hunter’s pickup truck or trailer. Deer spinal tissue and brains are known infectious agents if the animal has chronic wasting disease.

“Hunters move way more carcasses than the captive cervid industry,” said Grant Woods, creator of GrowingDeer.tv.

Because of that fact, 41 states now have carcass transportation rules, according to Brian Murphy, CEO of the Quality Deer Management Association.

## On the radar

In Montana, when CWD was detected in Carbon and Liberty counties last year, the Department of Fish, Wildlife & Parks mandated that only deer parts — minus the head and spine — could be moved from the areas in an attempt to contain possible CWD contamination.

“Right now in Montana it’s new on our radar,” said John Vore, Game Management Bureau chief for Montana Fish, Wildlife & Parks. “What we’re worried about is that over time it will lose momentum.”

That happened in Arkansas, where — only a year after CWD was found — 25 percent of hunters in the CWD zone were unaware the disease existed, Murphy said.

“CWD fatigue is a real thing,” said Kelly Straka, supervisor of the Wildlife Health Section at the Michigan Department of Natural Resources. “But the second we adopt a fatalist attitude, we’re done.”

## Dollars

Because hunting is big business, and Americans are always worried about generating more income, everyone should be concerned about chronic wasting disease and do everything they can to ensure it doesn’t spread, officials agreed.

In Montana, the sport generated an estimated \$324 million in 2016 and supported about 3,300 jobs, according to an [FWP study](#). Nationally, the U.S. Fish and Wildlife Service has estimated that America’s 14 million hunters generate \$22.1 billion in sales, creating 700,000 jobs.

“If hunting were a company, the money spent by sportsmen would put us in the Fortune 500,” Dolnack said.

As an example of interest in deer hunting in Montana, last year more than 211,000 deer licenses were sold to residents, and more than 33,600 to nonresidents.

## Repercussions

The impacts of CWD’s spread are many.

If the disease causes deer numbers to decline — drops of 20 to 25 percent have been documented where CWD is present — fewer hunting licenses will be sold. Fewer hunters mean less dollars — not only for trade organizations that sell ammunition, camouflage clothing and archery equipment — but also for the state wildlife agencies that collect a large portion of their funding from hunting license sales.

“Deer are a lot more than an antler delivery system,” said Ryan Bronson, director of conservation and public policy for Vista Outdoor, an outdoor gear manufacturer based in Utah.

Outbreaks of CWD can also drop property values, especially lands purchased in trophy deer areas by hunters specifically so the landowner can have exclusive access to the animals.

“People invest in these properties because they are trophy whitetail areas,” Murphy said.

## Fighting apathy

In spite of what’s known about the always fatal disease and its repercussions, Dan Forster, vice president and chief conservation officer for the Archery Trade Association, said, “most people do not take it seriously.

“We need to invest in the things we know help battle this disease,” he added, such as research and surveillance.

To that end, Sen. Jon Tester, D-Mont., introduced legislation last year seeking \$60 million for state and tribal wildlife agencies to research and manage CWD. The bill, which would amend the federal Animal Health Protection Act, has languished since its introduction.

In an attempt to build momentum for such funding of research and education of the public, Straka said the entire hunting community needs to take up the fight against CWD.

“Let’s move away from the blame game,” she said. “We’re all accountable to not make things worse.”

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This story first appeared in the Billings Gazette



News (/news) / Hong Kong (/news/hong-kong)

# Green Light for CityU's Veterinary Programme (/topics/green-light-cityus-veterinary-naming-of-hong-kong's-first-veterinary-college-and-green-light-for-cityu's-veterinary-programme)

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PUBLISHED : Wednesday, 05 September, 2018, 3:31pm

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On 20 August 2018, City University of Hong Kong (CityU) celebrated the naming of Hong Kong's first and only veterinary college: Jockey Club College of Veterinary Medicine and Life Sciences in collaboration with Cornell University.

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A high point of the ceremony was the announcement by University Grants Committee (UGC) Chairman Mr Carlson Tong Ka-shing that following the results of an international Task Force review, "UGC will be recommending to the Government to accept CityU's proposal to establish an undergraduate Bachelor of Veterinary Medicine (BVM) programme starting from the 2019-2022 triennium, as a publicly-funded programme." It is the first 6-year BVM programme in Asia designed to meet strenuous international accreditation standards.

The University is immensely grateful to The Hong Kong Jockey Club Charities Trust and to all the Officiating Guests for their valuable support at the naming ceremony, including The Honourable Mrs Carrie Lam Cheng Yuet-ngor, GBM, GBS, The Chief Executive of the Hong Kong Special Administrative Region; Dr Simon S O Ip, GBS, CBE, JP, Chairman of The Hong Kong Jockey Club; Mr Winfried Engelbrecht-Bresges, GBS, JP, Chief Executive Officer of The Hong Kong Jockey Club; Mr Kevin Yeung Yun-hung, JP, Secretary for Education; Mr Carlson Tong Ka-shing, SBS, JP, Chairman of UGC; and Mr Lester Garson Huang, SBS, JP, Chairman of the CityU Council.

We also thank the hundreds of guests who attended the ceremony, including Professor Wendy Welford, Vice Provost for International Affairs and Professor Lorin Warnick, Austin O Hooey Dean of the College of Veterinary Medicine, who have flown all the way from Cornell University in the USA to support CityU.

"I am confident that the generous donation of The Hong Kong Jockey Club Charities Trust will propel the College to new heights, and I look forward to the College's contribution to our work in safeguarding public health," said Mrs Lam in her address at the ceremony.

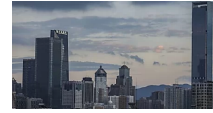
Dr Ip said, "The Club, having its own extensive veterinary operations, sees the benefits the College will bring to the community as a whole, combining as it does veterinary medicine and biomedical sciences under the banner of One Health. As such it embodies the important insight that the health of human beings is intimately connected with the health of animals and with the environment, in which they co-exist."



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Government funding marked an important milestone in the development of veterinary education in Hong Kong, first envisioned by CityU in July 2008, said Mr Huang, adding that “this support would create new growth points for Hong Kong and new career paths for our young people”.

“It has been my honour and privilege to lead CityU’s 10 year-long veterinary marathon. This could not have happened without the vision, team work and perseverance of the campus community and the staunch support of Hong Kong society,” said Professor Way Kuo, CityU President.

The Jockey Club College of Veterinary Medicine and Life Sciences comprises the Department of Biomedical Sciences and the Department of Infectious Diseases and Public Health. Guided by One Health core principles, the College is helping CityU to pioneer excellence in veterinary education and research in Hong Kong, Asia and the world, spotlighting public health, food safety, animal welfare and aquatic animal health for the well-being of society.

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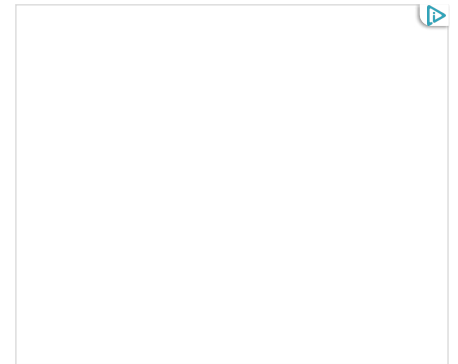
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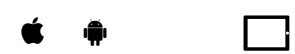
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